Tuscarora Basin Center
50670364
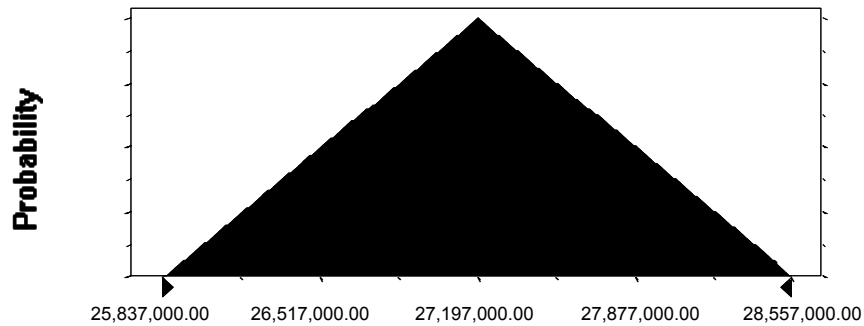
Geologic Probability = 1.0

Total Assessment-Unit Area (acres)

Triangular distribution with parameters:
Minimum	25,837,000.00
Median	27,197,000.00
Maximum	28,557,000.00

Selected range is from 25,837,000.00 to 28,557,000.00

| 25,837,000.00 | 26,517,000.00 | 27,197,000.00 | 27,877,000.00 | 28,557,000.00 |

Area per Cell of Untested Cells (acres)

    Triangular distribution with parameters:

Minimum	40.00
Median	80.00
Maximum	160.00

    Selected range is from 40.00 to 160.00
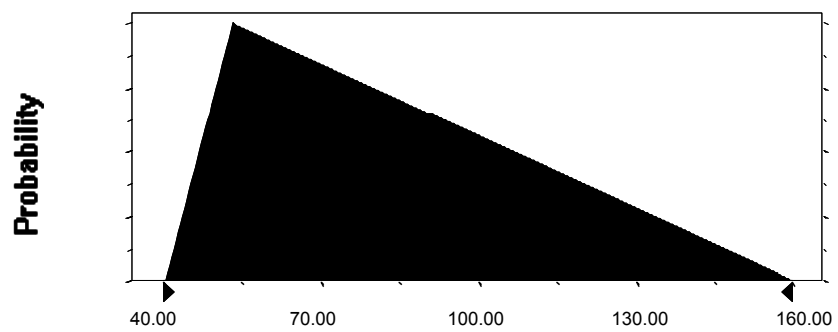
Percentage of Total Assessment-Unit Area That Is Untested

Triangular distribution with parameters:
Minimum	99.96
Median	99.97
Maximum	99.98

Selected range is from 99.96 to 99.98

99.96   99.96   99.97   99.98   99.98
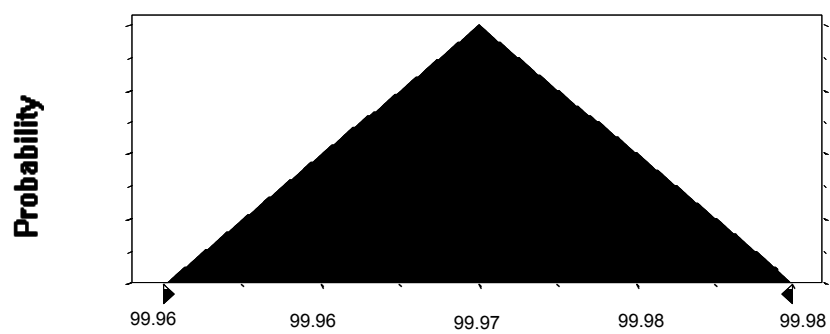
Percentage of Untested Assessment-Unit Area Having Potential

Triangular distribution with parameters:
Minimum	0.10
Median	0.90
Maximum	2.60

Selected range is from 0.10 to 2.60
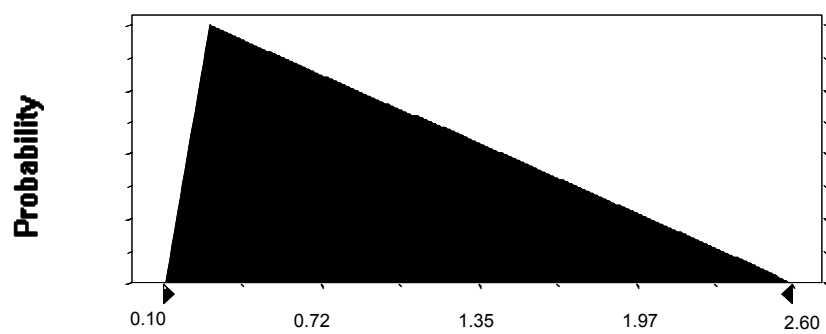
Number of Potential Untested Cells

Lognormal distribution with parameters:
Mean	3,206.85
Standard Dev.	1,831.55

Selected range is from 0.00 to +Infinity

| 565.60 | 3,851.72 | 7,137.84 | 10,423.96 | 13,710.08 |
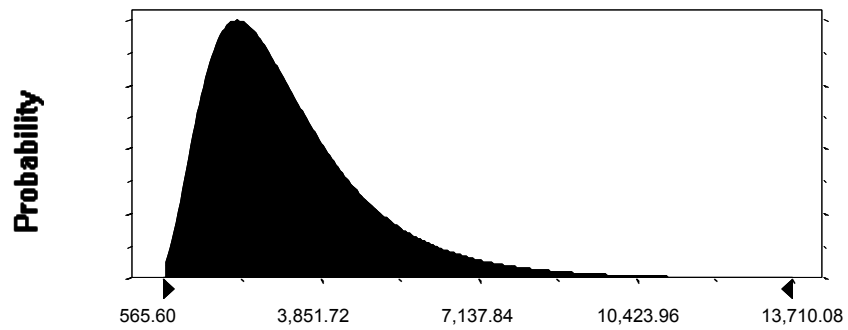
Total Recovery per Cell (BCFG)

Lognormal distribution with parameters:

Log Mean	-0.37
Log Std. Dev.	0.57
Minimum	0.01
Median	0.70
Maximum	4.00
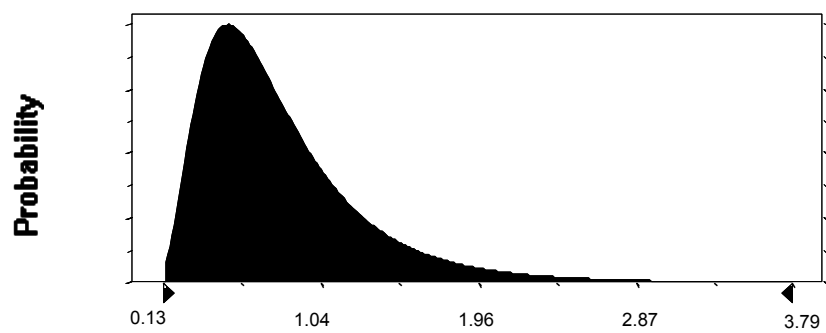
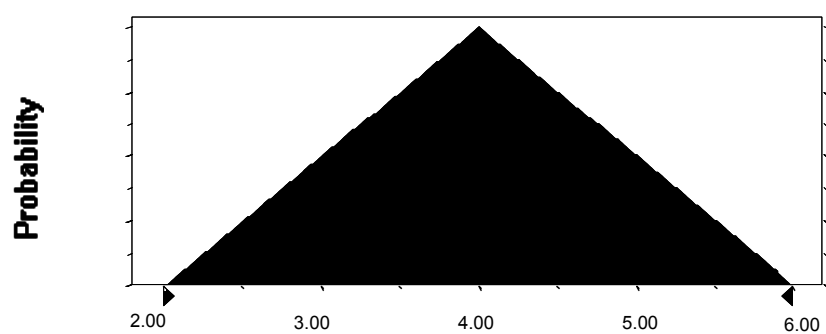**Liquids/Gas Ratio (BL/MMCFG)**

Triangular distribution with parameters:
Minimum   2.00
Median   4.00
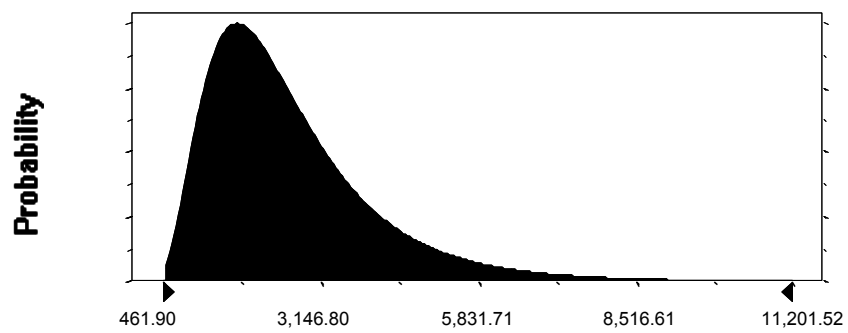Maximum   6.00

Selected range is from 2.00 to 6.00

Gas in Gas Accumulations (BCFG)

Lognormal distribution with parameters:
Mean   2,619.59
Standard Dev.   1,496.39

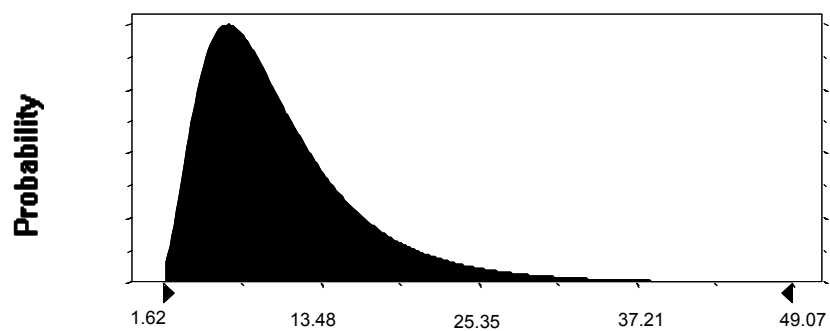Selected range is from 0.00 to +Infinity

461.90   3,146.80   5,831.71   8,516.61   11,201.52

Liquids in Gas Accumulations (MMBL)

Lognormal distribution with parameters:
 Mean   10.48
 Standard Dev.   6.47

Selected range is from 0.00 to +Infinity

| 1.62 | 13.48 | 25.35 | 37.21 | 49.07 |

End of Assumptions